

**Table 7. Energy Consumption Estimates by Source, Selected Years, 1960-2000, Tennessee**

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum											Nuclear Electric Power	Hydro-electric Power <sup>e</sup>	Wood and Waste <sup>a</sup>	Other <sup>a,f</sup>	Net Interstate Flow of Electricity/Losses <sup>g</sup>	Total <sup>h</sup>
			Asphalt & Road Oil <sup>a</sup>	Aviation Gasoline <sup>a</sup>	Distillate Fuel <sup>a</sup>	Jet Fuel <sup>a</sup>	Kerosene <sup>a</sup>	LPG <sup>a,c</sup>	Lubricants <sup>a</sup>	Motor Gasoline	Residual Fuel <sup>a</sup>	Other <sup>a,d</sup>	Total						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels											Million kWh		Other <sup>a,f</sup>	Million kWh	Total <sup>h</sup>	
1960	R 15,438	147	1,785	1,040	5,291	570	2,624	1,311	760	27,268	188	1,413	42,250	0	8,676	—	—	20,917	—
1965	R 14,172	202	3,441	1,024	7,295	1,174	2,540	1,912	800	32,481	287	4,292	55,245	0	8,750	—	—	46,329	—
1970	17,726	256	3,628	116	10,952	3,335	4,135	3,182	825	41,869	597	6,209	74,849	0	8,067	—	—	50,754	—
1975	21,308	217	3,765	70	17,479	3,936	2,289	3,830	1,328	53,735	714	5,571	92,718	0	11,806	—	—	73,642	—
1980	24,687	230	3,378	290	19,176	4,154	1,534	2,787	1,241	54,948	1,499	8,213	97,218	519	8,764	—	—	74,740	—
1985	25,167	190	4,408	154	22,285	4,862	1,107	2,281	1,129	58,047	539	6,293	101,107	9,672	6,539	—	—	R 35,437	—
1990	24,878	220	5,798	174	23,872	4,181	438	2,906	1,270	58,001	311	10,730	107,681	14,003	i 9,537	—	—	R 26,369	—
1991	23,107	227	5,349	145	22,618	3,413	342	3,208	1,136	56,162	406	11,331	104,111	16,587	10,497	—	—	R 26,827	—
1992	24,106	242	5,281	343	24,044	4,479	442	4,787	1,159	58,587	397	12,578	112,097	15,654	9,590	—	—	R 22,847	—
1993	27,854	254	4,922	395	23,976	6,569	410	3,566	1,180	61,213	528	12,043	114,802	3,305	8,394	—	—	R 39,695	—
1994	25,440	246	5,448	392	24,805	7,762	544	3,482	1,233	62,897	461	12,790	119,815	11,932	R 11,435	—	—	R 32,590	—
1995	27,399	257	5,434	397	27,388	8,096	490	3,416	1,212	64,822	368	12,420	124,042	15,708	R 9,013	—	—	R 10,805	—
1996	26,744	280	5,171	231	27,554	9,317	585	4,303	1,176	64,868	214	7,234	120,653	22,924	R 10,789	—	—	R 5,781	—
1997	28,203	282	4,917	312	28,108	9,433	580	4,028	1,242	66,148	160	7,188	122,117	24,648	R 10,366	—	—	R -8,473	—
1998	26,808	280	5,928	136	29,776	9,855	613	3,264	1,301	67,522	167	8,668	127,230	28,388	10,184	—	—	R 72	—
1999	R 26,613	R 276	5,919	109	27,147	11,816	528	4,709	1,314	69,769	60	9,579	130,951	27,227	7,150	—	—	R 10,364	—
2000	28,862	266	6,067	124	28,834	12,857	585	5,514	1,295	68,862	80	8,286	132,503	25,825	5,665	—	-17,003	—	—
Trillion Btu																			
1960	R 374.5	151.7	11.8	5.2	30.8	3.1	14.9	5.3	4.6	143.2	1.2	8.3	228.5	0.0	93.4	45.4	0.0	71.4	R 964.8
1965	R 338.9	211.1	22.8	5.2	42.5	6.5	14.4	7.7	4.8	170.6	1.8	24.6	300.9	0.0	91.5	46.5	0.0	158.1	1,147.0
1970	403.7	261.8	24.1	0.6	63.8	18.8	23.4	12.0	5.0	219.9	3.8	35.3	406.7	0.0	84.7	53.8	0.0	173.2	1,383.8
1975	471.9	224.1	25.0	0.4	101.8	22.2	13.0	14.2	8.1	282.3	4.5	32.2	503.6	0.0	122.9	54.4	0.0	251.3	1,628.2
1980	576.9	233.3	22.4	1.5	111.7	23.4	8.7	10.2	7.5	288.6	9.4	46.1	529.7	5.7	91.0	62.1	0.0	255.0	1,753.7
1985	599.7	196.7	29.3	0.8	129.8	27.5	6.3	8.2	6.8	304.9	3.4	35.6	552.5	R 102.7	68.3	89.6	0.0	R 120.9	R 1,730.5
1990	600.3	227.5	38.5	0.9	139.1	23.6	2.5	10.5	7.7	304.7	2.0	60.1	589.5	R 148.2	i 99.2	R 51.8	i 0.1	R 90.0	R 1,806.5
1991	565.5	234.6	35.5	0.7	131.8	19.3	1.9	11.6	6.9	295.0	2.6	63.5	568.7	R 173.9	109.5	R 53.1	0.1	R 91.5	R 1,796.9
1992	590.6	249.2	35.0	1.7	140.1	25.3	2.5	17.3	7.0	307.8	2.5	70.4	609.7	R 163.9	99.2	R 53.5	0.1	R 78.0	R 1,844.1
1993	685.9	263.1	32.7	2.0	139.7	37.2	2.3	12.9	7.2	321.6	3.3	67.2	625.9	R 34.7	86.5	R 47.5	0.1	R 135.4	R 1,879.2
1994	622.9	254.0	36.2	2.0	144.5	44.0	3.1	12.7	7.5	328.9	2.9	71.5	653.1	R 124.7	R 118.0	R 50.5	0.1	R 111.2	R 1,934.5
1995	668.2	264.8	36.1	2.0	159.5	45.9	2.8	12.4	7.4	338.0	2.3	69.4	675.8	R 165.0	R 92.9	R 56.3	0.1	R 36.9	R 1,959.9
1996	648.6	289.3	34.3	1.2	160.5	52.8	3.3	15.5	7.1	338.3	1.3	41.8	656.3	R 240.8	R 111.6	R 57.1	0.1	R 19.7	R 2,023.4
1997	673.5	291.1	32.6	1.6	163.7	53.5	3.3	14.6	7.5	344.8	1.0	41.5	664.1	R 258.7	R 105.9	R 47.5	0.1	R -28.9	R 2,012.0
1998	634.5	288.7	39.3	0.7	173.4	55.9	3.5	11.8	7.9	351.9	1.1	50.4	695.9	R 297.8	R 103.8	R 46.8	0.1	R 0.2	R 2,067.8
1999	R 625.2	R 283.9	39.3	0.6	158.1	67.0	3.0	17.0	8.0	363.6	0.4	55.8	712.7	R 284.5	R 73.1	R 50.5	0.1	R 35.4	R 2,065.4
2000	705.1	276.2	40.3	0.6	168.0	72.9	3.3	19.9	7.9	358.8	0.5	48.1	720.1	269.3	57.8	55.3	0.1	-58.0	2,025.9

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the technical Notes for each type of energy.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> Liquefied petroleum gases.

<sup>d</sup> "Other" is the subtotal of 16 petroleum products consumed in the industrial sector. See a full description in the Technical Notes, Section 4, "Other Petroleum Products."

<sup>e</sup> If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.

<sup>f</sup> "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Section 5 of the Technical Notes for an explanation of estimation methodology.

<sup>g</sup> Net interstate flow of electricity is the difference between the amount of energy in the electricity sold within a State (including associated losses) and the energy input at the electric utilities within the State. A positive number indicates

that more electricity (including associated losses) came into the State during the year; conversely, a negative number indicates that more electricity (including associated losses) went out of the State than came into the State.

<sup>h</sup> From 1989, "Total" does not equal the sum of the columns. Net imports of electricity generated from nonrenewable energy sources (shown in the Technical Notes Table TN8) is included in the total but not in any other columns.

<sup>i</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

kWh=Kilowatthours. R=Revised data. —=Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 8. Residential Energy Consumption Estimates, Selected Years, 1960-2000, Tennessee

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum				Wood <sup>a</sup>	Geothermal	Solar <sup>d</sup>	Electricity <sup>a</sup>	Electrical System Energy Losses <sup>e</sup>	Total	
			Distillate Fuel <sup>a</sup>	Kerosene <sup>a</sup>	LPG <sup>a,c</sup>	Total							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Thousand Cords	Geothermal	Solar <sup>d</sup>	Million Kilowatthours	Net Energy	Million Kilowatthours	
1960	R 563	34	80	797	862	1,740	1,269	—	—	8,683	—	21,599	—
1965	R 378	37	100	881	1,136	2,117	949	—	—	12,134	—	28,971	—
1970	R 304	47	169	2,027	2,316	4,512	806	—	—	17,942	—	43,479	—
1975	R 98	44	237	1,316	2,767	4,320	840	—	—	23,034	—	55,561	—
1980	R 49	45	308	549	1,501	2,358	620	—	—	26,207	—	63,727	—
1985	R 34	39	259	737	1,209	2,205	1,543	—	—	25,546	—	R 59,781	—
1990	R 39	46	237	324	1,716	2,277	918	—	—	28,757	—	R 62,732	—
1991	R 28	49	268	268	1,936	2,472	967	—	—	29,605	—	R 63,865	—
1992	R 27	52	259	361	2,094	2,715	1,017	—	—	29,498	—	R 62,510	—
1993	R 19	59	205	311	2,201	2,716	777	—	—	30,199	—	R 63,449	—
1994	R 14	57	302	439	2,112	2,853	761	—	—	32,797	—	R 67,972	—
1995	R 19	60	281	372	2,129	2,782	845	—	—	30,967	—	R 64,256	—
1996	R 13	70	272	456	2,857	3,585	843	—	—	35,333	—	R 73,363	—
1997	R 14	64	251	437	2,582	3,269	407	—	—	33,367	—	R 68,985	—
1998	R 3	59	227	424	2,432	3,083	R 369	—	—	35,428	—	R 72,741	—
1999	R 12	R 61	210	423	3,047	3,680	R 394	—	—	35,425	—	R 68,891	—
2000	12	68	172	387	3,447	4,005	413	—	—	36,622	—	62,790	—
<b>Trillion Btu</b>													
1960	R 13.9	35.1	0.5	4.5	3.5	8.4	25.4	0.0	0.0	29.6	R 112.4	73.7	R 186.1
1965	R 9.3	38.9	0.6	5.0	4.6	10.1	19.0	0.0	0.0	41.4	R 118.7	98.8	R 217.5
1970	R 7.2	47.6	1.0	11.5	8.8	21.2	16.1	0.0	0.0	61.2	R 153.4	148.3	R 301.7
1975	R 2.3	45.4	1.4	7.5	10.3	19.1	16.8	0.0	0.0	78.6	R 162.2	189.6	R 351.8
1980	R 1.2	45.6	1.8	3.1	5.5	10.4	12.4	0.0	0.0	89.4	R 159.0	217.4	R 376.5
1985	R 0.8	40.8	1.5	4.2	4.4	10.0	30.9	0.0	0.0	87.2	R 169.7	R 204.0	R 373.7
1990	R 1.0	48.0	1.4	1.8	6.2	9.4	18.4	f (s)	f (s)	98.1	R f 174.9	R 214.0	Rf 389.0
1991	R 0.7	51.0	1.6	1.5	7.0	10.1	19.3	(s)	0.1	101.0	R 182.2	R 217.9	R 400.1
1992	R 0.6	53.8	1.5	2.0	7.6	11.1	20.3	(s)	0.1	100.6	R 186.7	R 213.3	R 400.0
1993	R 0.5	61.0	1.2	1.8	7.9	10.9	15.5	(s)	0.1	103.0	R 191.0	R 216.5	R 407.5
1994	R 0.3	59.2	1.8	2.5	7.7	11.9	15.2	(s)	0.1	111.9	R 198.7	R 231.9	R 430.6
1995	R 0.5	61.9	1.6	2.1	7.7	11.5	16.9	(s)	0.1	105.7	R 196.4	R 219.2	R 415.7
1996	R 0.3	72.7	1.6	2.6	10.3	14.5	16.9	(s)	0.1	120.6	R 225.0	R 250.3	R 475.3
1997	R 0.4	66.1	1.5	2.5	9.3	13.3	8.1	(s)	0.1	113.8	R 201.8	R 235.4	R 437.2
1998	R 0.1	61.2	1.3	2.4	8.8	12.5	R 7.4	(s)	0.1	120.9	202.1	R 248.2	R 450.3
1999	R 0.3	R 62.2	1.2	2.4	11.0	14.6	R 7.9	(s)	0.1	120.9	R 206.0	R 235.1	R 441.0
2000	0.3	70.5	1.0	2.2	12.4	15.6	8.3	(s)	0.1	125.0	219.7	214.2	434.0

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> Liquefied petroleum gases.

<sup>d</sup> Includes small amounts of solar thermal and photovoltaic energy consumed by the commercial sector that cannot be separately identified. See Section 5 of the the Technical Notes for an explanation of estimation methodology.

<sup>e</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for

electrical system energy losses.

<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

**Table 9. Commercial Energy Consumption Estimates, Selected Years, 1960-2000, Tennessee**

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum					Wood <sup>a</sup>	Geothermal	Electricity <sup>a</sup>	Net Energy	Electrical System Energy Losses <sup>d</sup>	Total <sup>e</sup>
			Distillate Fuel <sup>a</sup>	Kerosene <sup>a</sup>	LPG <sup>a,c</sup>	Motor Gasoline	Residual Fuel <sup>a</sup>						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels					Thousand Cords	Million Kilowatthours	Million Kilowatthours	Million Kilowatthours	Million Kilowatthours	
1960	R 391	24	200	157	152	173	(s)	682	24	—	2,796	—	6,956
1965	R 285	28	248	173	200	277	(s)	899	18	—	4,274	—	10,204
1970	R 239	43	422	399	409	392	1	1,622	15	—	6,352	—	15,393
1975	R 228	42	589	259	488	419	1	1,757	16	—	7,440	—	17,947
1980	R 185	44	1,015	104	265	465	48	1,897	15	—	14,216	—	34,568
1985	R 135	43	3,086	167	213	337	98	3,901	41	—	9,856	—	R 23,065
1990	R 179	44	636	69	303	464	33	1,504	R 61	—	13,075	—	R 28,523
1991	R 144	46	602	32	342	418	17	1,410	R 65	—	13,117	—	R 28,297
1992	R 130	47	1,042	69	370	346	57	1,883	R 69	—	7,391	—	R 15,662
1993	R 92	51	937	61	388	203	34	1,622	R 65	—	6,102	—	R 12,821
1994	R 77	51	1,006	73	373	49	33	1,533	R 65	—	6,121	—	R 12,687
1995	R 126	51	798	80	376	50	14	1,318	R 65	—	6,234	—	R 12,937
1996	R 97	58	918	89	504	49	28	1,589	R 71	—	6,543	—	R 13,586
1997	R 117	55	876	99	456	49	45	1,524	R 47	—	25,839	—	R 53,421
1998	R 22	52	935	123	429	49	2	1,537	R 46	—	25,859	—	R 53,094
1999	R 86	R 53	874	52	538	49	0	1,512	R 50	—	26,260	—	R 51,068
2000	100	53	1,062	108	608	49	0	1,827	51	—	26,814	—	45,975
<b>Trillion Btu</b>													
1960	R 9.7	25.1	1.2	0.9	0.6	0.9	(s)	3.6	0.5	0.0	9.5	R 48.4	23.7
1965	R 7.0	29.6	1.4	1.0	0.8	1.5	(s)	4.7	0.4	0.0	14.6	R 56.2	34.8
1970	R 5.7	43.7	2.5	2.3	1.5	2.1	(s)	8.3	0.3	0.0	21.7	R 79.6	52.5
1975	R 5.4	43.8	3.4	1.5	1.8	2.2	(s)	8.9	0.3	0.0	25.4	R 83.8	61.2
1980	R 4.4	44.8	5.9	0.6	1.0	2.4	0.3	10.2	0.3	0.0	48.5	R 108.2	117.9
1985	R 3.3	44.9	18.0	0.9	0.8	1.8	0.6	22.1	0.8	0.0	33.6	R 104.7	R 78.7
1990	R 4.4	45.1	3.7	0.4	1.1	2.4	0.2	7.8	1.2	f 0.0	44.6	f 103.2	R 97.3
1991	R 3.6	47.5	3.5	0.2	1.2	2.2	0.1	7.2	R 1.3	0.0	44.8	R 104.4	R 96.5
1992	R 3.2	48.0	6.1	0.4	1.3	1.8	0.4	10.0	R 1.4	0.0	25.2	R 87.7	R 53.4
1993	R 2.3	52.5	5.5	0.3	1.4	1.1	0.2	8.5	R 1.3	0.0	20.8	R 85.4	R 43.7
1994	R 1.9	52.4	5.9	0.4	1.4	0.3	0.2	8.1	1.3	0.0	20.9	R 84.6	R 43.3
1995	R 3.2	52.8	4.6	0.5	1.4	0.3	0.1	6.8	1.3	0.0	21.3	R 85.4	R 44.1
1996	R 2.4	60.4	5.3	0.5	1.8	0.3	0.2	8.1	1.4	0.0	22.3	R 94.7	R 46.4
1997	R 2.9	56.8	5.1	0.6	1.6	0.3	0.3	7.8	0.9	0.0	88.2	R 156.7	R 182.3
1998	R 0.5	54.0	5.4	0.7	1.6	0.3	(s)	8.0	0.9	0.0	88.2	R 151.6	R 181.2
1999	R 2.1	R 54.0	5.1	0.3	1.9	0.3	0.0	7.6	R 1.0	0.0	89.6	R 154.3	R 174.2
2000	2.6	55.2	6.2	0.6	2.2	0.3	0.0	9.2	1.0	0.0	91.5	159.5	156.9
<b>Trillion Btu</b>													

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> Liquefied petroleum gases.

<sup>d</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

<sup>e</sup> Small amounts of solar thermal and photovoltaic energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.

<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 10. Industrial Energy Consumption Estimates, Selected Years, 1960-2000, Tennessee

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum										Hydro-electric Power <sup>a</sup>	Wood and Waste <sup>a</sup>	Other <sup>a,d</sup>	Total	Million kWh	Electricity <sup>a</sup>	Net Energy	Electrical System Energy Losses <sup>f</sup>	
			Asphalt and Road Oil <sup>a</sup>	Distillate Fuel <sup>a</sup>	Kero-sene <sup>a</sup>	LPG <sup>a,c</sup>	Lubri-cants <sup>a</sup>	Motor Gasoline	Residual Fuel <sup>a</sup>	Other <sup>a,d</sup>	Total	Million kWh									
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels											Other <sup>a,e</sup>	Total	Million kWh	Million kWh	Million kWh	Million kWh	Million kWh	Total
1960	2,307	76	1,785	2,096	1,670	275	256	627	180	1,413	8,301	0	—	—	27,514	—	68,438	—	—	—	
1965	2,862	97	3,441	2,601	1,486	522	321	484	264	4,292	13,410	0	—	—	28,362	—	67,716	—	—	—	
1970	2,452	123	3,628	3,172	1,709	363	334	235	593	6,209	16,245	0	—	—	27,776	—	67,310	—	—	—	
1975	2,134	112	3,765	4,712	714	455	522	117	523	5,571	16,379	0	—	—	37,904	—	91,429	—	—	—	
1980	2,774	123	3,378	4,252	881	960	565	36	1,445	8,213	19,730	0	—	—	32,968	—	80,167	—	—	—	
1985	4,145	97	4,408	3,482	203	693	514	642	441	6,293	16,677	0	—	—	33,624	—	R 78,685	—	—	—	
1990	3,846	110	5,798	2,925	46	761	578	583	9 273	10,730	21,694	9 0	—	—	35,313	—	R 77,033	—	—	—	
1991	3,720	116	5,349	2,702	43	796	517	557	339	11,331	21,634	0	—	—	35,667	—	R 76,942	—	—	—	
1992	3,686	126	5,281	3,659	12	2,204	527	575	295	12,578	25,131	0	—	—	41,695	—	R 88,356	—	—	—	
1993	3,942	124	4,922	3,389	38	829	537	724	479	12,043	22,962	0	—	—	43,530	—	R 91,456	—	—	—	
1994	4,097	119	5,448	3,746	32	758	561	785	426	12,790	24,547	R 1,036	—	—	43,614	—	R 90,392	—	—	—	
1995	3,777	126	5,434	3,980	37	777	552	865	351	12,420	24,416	R 827	—	—	44,828	—	R 93,018	—	—	—	
1996	3,670	127	5,171	3,784	41	810	535	890	184	7,234	18,649	R 888	—	—	45,781	—	R 95,057	—	—	—	
1997	3,608	139	4,917	4,590	44	871	566	937	110	7,188	19,223	R 965	—	—	27,710	—	R 57,290	—	—	—	
1998	3,463	146	5,928	3,917	66	400	592	630	166	8,668	20,367	799	—	—	30,461	—	R 62,544	—	—	—	
1999	R 3,299	R 145	5,919	2,410	53	1,066	598	569	60	9,579	20,254	652	—	—	31,493	—	R 61,245	—	—	—	
2000	3,349	130	6,067	2,406	90	1,384	589	561	80	8,286	19,464	520	—	—	32,289	—	55,361	—	—	—	
<b>Trillion Btu</b>																					
1960	58.1	78.6	11.8	12.2	9.5	1.1	1.5	3.3	1.1	8.3	48.9	0.0	19.5	0.0	93.9	299.0	233.5	532.5			
1965	71.4	101.9	22.8	15.2	8.4	2.1	1.9	2.5	1.7	24.6	79.2	0.0	27.2	0.0	96.8	376.5	231.0	607.5			
1970	58.0	125.9	24.1	18.5	9.7	1.4	2.0	1.2	3.7	35.3	95.9	0.0	37.3	0.0	94.8	411.9	229.7	641.5			
1975	49.9	115.1	25.0	27.4	4.1	1.7	3.2	0.6	3.3	32.2	97.5	0.0	37.3	0.0	129.3	429.2	312.0	741.1			
1980	67.2	125.1	22.4	24.8	5.0	3.5	3.4	0.2	9.1	46.1	114.5	0.0	49.4	0.0	112.5	468.7	273.5	742.2			
1985	102.2	100.6	29.3	20.3	1.1	2.5	3.1	3.4	2.8	35.6	98.0	0.0	57.9	0.0	114.7	473.4	R 268.5	R 741.9			
1990	96.8	113.6	38.5	17.0	0.3	2.8	3.5	3.1	1.7	60.1	126.9	9 0.0	R 32.3	9 0.0	120.5	R 949.0	R 262.8	R 975.29			
1991	93.5	119.7	35.5	15.7	0.2	2.9	3.1	2.9	2.1	63.5	126.0	0.0	R 32.4	0.0	121.7	R 493.3	R 262.5	R 755.8			
1992	93.1	130.2	35.0	21.3	0.1	8.0	3.2	3.0	1.9	70.4	142.9	0.0	R 31.8	0.0	142.3	R 540.2	R 301.5	R 841.6			
1993	99.2	128.7	32.7	19.7	0.2	3.0	3.3	3.8	3.0	67.2	132.9	0.0	R 30.6	0.0	148.5	R 539.9	R 312.0	R 852.0			
1994	102.7	122.7	36.2	21.8	0.2	2.8	3.4	4.1	2.7	71.5	142.6	R 10.7	R 34.0	0.0	148.8	R 561.4	R 308.4	R 869.8			
1995	94.9	129.8	36.1	23.2	0.2	2.8	3.3	4.5	2.2	69.4	141.7	R 8.5	R 38.1	0.0	153.0	R 566.0	R 317.4	R 883.4			
1996	91.8	130.6	34.3	22.0	0.2	2.9	3.2	4.6	1.2	41.8	110.3	R 9.2	R 38.9	0.0	156.2	R 537.0	R 324.3	R 861.3			
1997	90.2	143.2	32.6	26.7	0.3	3.1	3.4	4.9	0.7	41.5	113.2	R 9.9	R 38.5	0.0	94.5	R 489.5	R 195.5	R 685.0			
1998	86.6	150.2	39.3	22.8	0.4	1.4	3.6	3.3	1.0	50.4	122.3	R 8.1	R 38.5	0.0	103.9	R 509.7	R 213.4	R 723.1			
1999	R 82.5	R 148.6	39.3	14.0	0.3	3.9	3.6	3.0	0.4	55.8	120.2	6.7	R 41.6	0.0	107.5	R 507.1	R 209.0	R 716.1			
2000	87.4	134.4	40.3	14.0	0.5	5.0	3.6	2.9	0.5	48.1	114.9	5.3	46.0	0.0	110.2	498.1	188.9	687.0			

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> Liquefied petroleum gases.

<sup>d</sup> "Other" is the subtotal of 16 petroleum products. See a full description in Section 4 of the Technical Notes "Other Petroleum Products."

<sup>e</sup> "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Section 5 of the Technical Notes for an explanation of estimation methodology.

<sup>f</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

<sup>g</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

R=Revised data.

kWh=Kilowatthours. —=Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 11. Transportation Energy Consumption Estimates, Selected Years, 1960-2000, Tennessee

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum								Ethanol <sup>d</sup>	Electricity <sup>a</sup>	Electrical System Energy Losses <sup>e</sup>	Total <sup>d</sup>	
			Aviation Gasoline <sup>a</sup>	Distillate Fuel <sup>a</sup>	Jet Fuel <sup>a</sup>	LPG <sup>a,c</sup>	Lubricants <sup>a</sup>	Motor Gasoline	Residual Fuel <sup>a</sup>	Total					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Thousand Barrels	Million Kilowatthours	Net Energy	Million Kilowatthours	
1960	R 40	5	1,040	2,914	570	22	505	26,468	8	31,527	0	(s)	—	(s)	—
1965	9	23	1,024	4,346	1,174	54	479	31,721	22	38,819	0	(s)	—	(s)	—
1970	4	26	116	7,189	3,335	94	491	41,241	3	52,469	0	(s)	—	(s)	—
1975	(s)	19	70	10,631	3,936	120	807	53,199	191	68,953	0	(s)	—	(s)	—
1980	0	16	290	13,196	4,154	61	676	54,446	6	72,828	0	(s)	—	(s)	—
1985	0	10	154	15,221	4,862	166	615	57,068	0	78,087	f 686	(s)	—	1	—
1990	0	20	174	19,842	4,181	126	692	56,954	5	81,974	583	(s)	—	1	—
1991	0	16	145	18,774	3,413	135	619	55,187	50	78,324	426	(s)	—	1	—
1992	0	16	343	18,860	4,479	120	631	57,667	44	82,144	516	(s)	—	1	—
1993	0	19	395	19,033	6,569	147	643	60,286	15	87,089	593	(s)	—	1	—
1994	0	18	392	19,231	7,762	240	672	62,062	3	90,362	841	1	—	2	—
1995	0	18	397	21,874	8,096	135	660	63,907	2	95,070	358	1	—	3	—
1996	0	24	231	22,119	9,317	133	641	63,928	2	96,370	7	1	—	3	—
1997	0	23	312	22,017	9,433	120	677	65,162	4	97,725	7	1	—	2	—
1998	0	16	136	23,250	9,855	3	709	66,842	0	100,794	8	2	—	4	—
1999	0	R 15	109	22,612	11,816	58	716	69,151	0	104,462	0	2	—	4	—
2000	0	14	124	24,136	12,857	75	705	68,252	0	106,148	0	2	—	4	—
Trillion Btu															
1960	R 1.0	5.5	5.2	17.0	3.1	0.1	3.1	139.0	0.1	167.6	0.0	(s)	R 174.1	(s)	R 174.1
1965	0.2	23.7	5.2	25.3	6.5	0.2	2.9	166.6	0.1	206.9	0.0	(s)	230.9	(s)	230.9
1970	0.1	27.0	0.6	41.9	18.8	0.4	3.0	216.6	(s)	281.2	0.0	(s)	308.4	(s)	308.4
1975	(s)	19.7	0.4	61.9	22.2	0.4	4.9	279.5	1.2	370.5	0.0	(s)	390.2	(s)	390.2
1980	0.0	16.8	1.5	76.9	23.4	0.2	4.1	286.0	(s)	392.1	0.0	(s)	408.9	(s)	408.9
1985	0.0	10.5	0.8	88.7	27.5	0.6	3.7	299.8	0.0	421.0	f 2.4	(s)	f 431.5	(s)	f 431.5
1990	0.0	20.3	0.9	115.6	23.6	0.5	4.2	299.2	(s)	443.9	2.1	(s)	464.2	(s)	464.2
1991	0.0	16.3	0.7	109.4	19.3	0.5	3.8	289.9	0.3	423.8	1.5	(s)	440.1	(s)	440.1
1992	0.0	16.9	1.7	109.9	25.3	0.4	3.8	302.9	0.3	444.4	1.8	(s)	461.3	(s)	461.3
1993	0.0	19.3	2.0	110.9	37.2	0.5	3.9	316.7	0.1	471.2	2.1	(s)	490.5	(s)	490.6
1994	0.0	18.7	2.0	112.0	44.0	0.9	4.1	324.6	(s)	487.5	3.0	(s)	506.2	(s)	506.2
1995	0.0	18.2	2.0	127.4	45.9	0.5	4.0	333.3	(s)	513.1	1.3	(s)	531.3	(s)	531.3
1996	0.0	25.0	1.2	128.8	52.8	0.5	3.9	333.4	(s)	520.7	(s)	(s)	545.7	(s)	545.7
1997	0.0	23.3	1.6	128.2	53.5	0.4	4.1	339.7	(s)	527.6	(s)	(s)	550.8	(s)	550.8
1998	0.0	16.9	0.7	135.4	55.9	(s)	4.3	348.4	0.0	544.7	(s)	(s)	561.6	(s)	561.6
1999	0.0	R 15.6	0.6	131.7	67.0	0.2	4.3	360.3	0.0	564.2	0.0	(s)	R 579.8	(s)	R 579.8
2000	0.0	14.3	0.6	140.6	72.9	0.3	4.3	355.6	0.0	574.3	0.0	(s)	588.6	(s)	588.6

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

<sup>b</sup> Includes supplemental gaseous fuels. Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, is also gas consumed as vehicle fuel.

<sup>c</sup> Liquefied petroleum gases.

<sup>d</sup> Ethanol blended into motor gasoline, which is accounted for under motor gasoline, is shown separately here to display the use of renewable energy by the transportation sector and is included only once in the total.

<sup>e</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for

electrical system energy losses.

<sup>f</sup> There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 12. Estimates of Energy Input at Electric Utilities, Selected Years, 1960-2000, Tennessee

Year	Coal	Natural Gas <sup>a</sup>	Petroleum				Nuclear Electric Power	Hydroelectric Power <sup>e</sup>	Wood and Waste	Geothermal Energy	Other <sup>b,f</sup>	Total <sup>g</sup>
			Residual Fuel <sup>b,c</sup>	Distillate Fuel <sup>b,d</sup>	Petroleum Coke <sup>b</sup>	Total						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours					
1960	12,138	7	0	(s)	0	(s)	0	8,676	0	0	0	—
1965	10,637	16	0	0	0	0	0	8,750	0	0	0	—
1970	14,727	17	0	0	0	0	0	8,067	0	0	0	—
1975	18,848	0	0	1,310	0	1,310	0	11,806	0	0	0	—
1980	21,679	1	0	406	0	406	519	8,764	0	0	0	—
1985	20,853	0	0	237	0	237	9,672	6,539	0	0	0	—
1990	20,814	1	0	232	0	232	14,003	9,537	0	0	0	—
1991	19,216	(s)	0	272	0	272	16,587	10,497	0	0	0	—
1992	20,263	(s)	0	225	0	225	15,654	9,590	0	0	0	—
1993	23,801	2	0	413	0	413	3,305	8,394	0	0	0	—
1994	21,253	1	0	519	0	519	11,932	10,399	0	0	0	—
1995	23,477	2	0	455	0	455	15,708	8,186	0	0	0	—
1996	22,963	1	0	460	0	460	22,924	9,900	0	0	0	—
1997	24,464	2	0	375	0	375	24,648	9,401	0	0	0	—
1998	23,321	6	0	1,448	0	1,448	28,388	9,385	0	0	0	—
1999	23,216	3	0	1,042	0	1,042	27,227	6,499	0	0	0	—
2000	25,401	2	0	1,059	0	1,059	25,825	5,145	0	0	0	—
<b>Trillion Btu</b>												
1960	291.8	7.5	0.0	(s)	0.0	(s)	0.0	93.4	0.0	0.0	0.0	392.6
1965	250.9	17.0	0.0	0.0	0.0	0.0	0.0	91.5	0.0	0.0	0.0	359.4
1970	332.7	17.6	0.0	0.0	0.0	0.0	0.0	84.7	0.0	0.0	0.0	435.0
1975	414.3	0.0	0.0	7.6	0.0	7.6	0.0	122.9	0.0	0.0	0.0	544.8
1980	504.1	1.1	0.0	2.4	0.0	2.4	5.7	91.0	0.0	0.0	0.0	604.3
1985	493.3	0.0	0.0	1.4	0.0	1.4	R 102.7	68.3	0.0	0.0	0.0	R 665.8
1990	498.1	0.6	0.0	1.4	0.0	1.4	R 148.2	99.2	0.0	0.0	0.0	R 747.4
1991	467.7	0.2	0.0	1.6	0.0	1.6	R 173.9	109.5	0.0	0.0	0.0	R 752.9
1992	493.7	0.3	0.0	1.3	0.0	1.3	R 163.9	99.2	0.0	0.0	0.0	R 758.4
1993	584.0	1.6	0.0	2.4	0.0	2.4	R 34.7	86.5	0.0	0.0	0.0	R 709.2
1994	518.0	1.1	0.0	3.0	0.0	3.0	R 124.7	107.3	0.0	0.0	0.0	R 754.0
1995	569.5	2.1	0.0	2.7	0.0	2.7	R 165.0	84.4	0.0	0.0	0.0	R 823.8
1996	554.0	0.6	0.0	2.7	0.0	2.7	R 240.8	102.4	0.0	0.0	0.0	R 900.4
1997	580.1	1.7	0.0	2.2	0.0	2.2	R 258.7	R 96.0	0.0	0.0	0.0	R 938.6
1998	547.2	6.4	0.0	8.4	0.0	8.4	R 297.8	R 95.7	0.0	0.0	0.0	R 955.6
1999	540.2	3.6	0.0	6.1	0.0	6.1	R 284.5	R 66.5	0.0	0.0	0.0	R 900.9
2000	614.8	1.9	0.0	6.2	0.0	6.2	269.3	52.5	0.0	0.0	0.0	944.7

<sup>a</sup> Includes supplemental gaseous fuels.<sup>b</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.<sup>c</sup> Prior to 1980, based on oil used in steam plants. Since 1980, residual fuel includes fuel oil nos. 4, 5, and 6 and residual fuel oils.<sup>d</sup> Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. Since 1980, distillate fuel includes fuel oil nos. 1 and 2, kerosene, and jet fuel.<sup>e</sup> If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.<sup>f</sup> "Other" is electricity generated for distribution from wind, photovoltaic, and solar thermal energy.<sup>g</sup> If applicable, from 1989, includes net imports of electricity generated from nonrenewable energy sources not shown in other columns. See data in Table TN8 in the Technical Notes.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.